

# General Environmental Incident Summary

**Incident:** 3682      **Date/Time Notice:** 3/12/2015      09:30      **DEM Incident No:**

**Responsible Party:** MDU - Dickinson

**Date Incident:** 3/11/2015

**Time Incident:**

**Duration:**

**County:** Stark

**Twp:** 139

**Rng:** 96

**Sec:** 3

**Qtr:** NE SW SE

**Lat:** 46.87872

**Long:** -102.77460

**Method:** Interpolation from map

**Location Description:** 42 7th Ave E, Dickinson, ND

**Submitted By:** Andy McDonald

**Affiliation:** MDU - Environmental

**Address:** 400 N 4th St.

**City:** Bismarck

**State:** ND

**Zip:**

**Received By:**

**Contact Person:** Jeff Jirges

1133 W Broadway

Dickinson, ND 58601-5514

**Distance Nearest Occupied Building:**

15 Feet

**Release Contained:** Yes

**Type of Incident:** Electric Pole Transformer Leak

**Description of Released Contaminant:**

Mineral Oil (The transformer that leaked had been previously tested for PCB and the test result was 0 ppm.)

**Volume Spilled:**

0.25 gallons

**Ag Related:** No

**EPA Extremely Hazardous Substance:** No

**Reported to NRC:** No

**Cause of Incident:**

MDU Dickinson electric crew has investigated and performed cleanup of the site. I have not heard a cause for the leak yet, but I can follow up on that.

**Risk Evaluation:**

There were no immediate risks associated with this spill.

**# of Fatalities:**

**# of Injuries:**

**Affected Medium:** 09 - other

**Potential Environmental Impacts:**

The oil was found on the exterior of the home (patio, driveway, and garage). The spill was minimal and was completely contained without affecting the air, water, or soil. The site has been cleaned up and waste will be properly disposed of. Since the mineral oil was found to be 0 ppm PCB, there are no environmental impacts that can be expected as a result of this spill.

**Action Taken or Planned:**

Dickinson MDU reported the spill to the MDU Environmental Department on 3/11/2015 and notified me that the oil was 0 ppm PCB. They estimated a quart of oil spilled from the transformer and got on the customers garage door, front patio, and driveway. The spill was cleaned up with absorbent pads and wipes. A mild solvent was used to clean the surfaces once the oil was wiped up. Spent solvent was also contained during cleanup and was not allowed to enter the city's storm water drain. The transformer was removed from service and replaced with a new one. The owner of the home observed the cleanup and was satisfied with process and results.

**Wastes Disposal Location:** All materials used to clean up the spill were contained and taken back to the MDU service center in Dickinson, where they were placed in a debris drum that is used to contain lab waste used to test mineral oil. Once the debris drum is full, it will be sealed and sent to US Ecology Idaho for proper disposal. A shipment to this location is typically scheduled every 6-8 months.

**Agencies Involved:**

**Updates**

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**Date:** 3/12/2015      **Status:** Assigned to WM      **Staff:** Stockdill, Scott

**Updated Volume:**

**Notes:**

According to the incident summary, this spill involved mineral oil from a transformer. Forwarded to Division of Waste Management.

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**Date:** 3/12/2015      **Status:** Reviewed; No Followup Required      **Staff:** Schiwal, Emily

**Updated Volume:**

**Notes:**

A representative from MDU located lab records and testing results from when this unit was tested for PCBs in 1987. The records demonstrate that the unit did test at <1ppm PCBs. The chromatogram is no longer available, as the lab only kept them on file for seven years. The amount of oil spilled, cleanup explanation, and the fact that it was not PCB oil indicates no further action required. Records are in the attached report folder.